

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):

**Bruce Steinberg** 

SERIAL NUMBER:

10/730,482

FILING DATE:

12/08/2003

FOR:

System and Method for Noninvasively Evaluating a

Limb Suspected of Compartment Syndrome

ATTORNEY DOCKET NO.:

062365.00006

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I HEREBY CERTIFY that the foregoing was placed in an envelope and mailed via U.S. Express Mail, postage prepaid to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this the 22<sup>nd</sup> day of March, 2006.

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PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	10/730,482			
Filing Date	12/08/2003			
First Named Inventor	Bruce Steinberg			
Art Unit	3736			
Examiner Name	Marmor II, Charles Alan			
Attomey Docket Number	062365.00006			

	-		U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		<sup>US-</sup> 5,038,795	08-13-1991	Roush et al.	
		US- 5.564.435	10-15-1996	Steinberg	
		<sup>US-</sup> 4,159,640	07-03-1979	Leveque et al.	
		<sup>US-</sup> 5,224,469	07-06-1993	Mocny	
		<sup>US-</sup> 5,879,312	03-09-1999	Imoto	
		<sup>US-</sup> 6,063,044	05-16-2000	Leonard et al.	
		<sup>US-</sup> 6,186,962	02-13-2001	Lloyd et al.	
		<sup>US-</sup> 4,739,769	04-26-1988	Matthews et al.	
		<sup>US-</sup> 4,817,629	04-04-1989	Davis et al.	
		<sup>US-</sup> 3,680,386	08-01-1972	Canon	
		US-			

FOREIGN PATENT DOCUMENTS							
	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages		
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>	
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Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO Complete if Known			Complete if Known		
Oubstitut	10 10/10/11/ 1445/1 10			Application Number	10/730,482
INFO	DRMATION	DIS	CLOSURE	Filing Date	12/08/2003
STA	TEMENT B	Y A	PPLICANT	First Named Inventor Bruce Steinberg	
(Use as many sheets as necessary)			ococcand	Art Unit	3736
(USE as many sneeds as necessary)		Examiner Name	Marmor II, Charles Alan		
Sheet	2	of	2	Attorney Docket Number	062365.00006

F	0.4-	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		WHITESIDE, JR., THOMAS E., "Tissue Pressure Measurements as a Determinant of the Need for Fasciotomy", Clin. Orthop., 113:43, 1975	
		STEINBERG ET AL., BRUCE, "Evaluation of Limb Compartments with Suspected Increased Interstitial Pressure," Clin. Orthop. No. 300, pp. 248-253, 1994	
		HORIKAWA, EBIHORAS, SAKAI F. AKIYAMA M., Non-Invasive Measurement Method for Hardness in Muscular Tissue; Medical & Biological Engineering & Computing - Nov. 1993	
		FISCHER, ANDREW "Tissue Compliance Meter for Objective, Quantitative Documentation of Soft Tissue Consistency and Pathology" Arch Phys Rehabil. Vol. 68, Feb. 1987, pp 122-125	
		CAGIR, BURT, ET AL., "Limb Surface Mechanical Indentation in the Presence of Accumulated Soft Tissue Fluid," New Rochelle Hospital Medical Center, New Rochelle, pp1	
		STEINBERG, BRUCE D. "Evaluation of Limb Compartments with Increased Interstitial Pressure. An Improved Noninvasive Method for Determining Quantitative Hardness" Journal of Biomechanics (2005) 1629–1635	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.